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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/885,795	06/19/2001	Dale D. Morey	4072.1 P	4504

7590 05/19/2005

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EXAMINER
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VAN HANDEL, MICHAEL P

ART UNIT	PAPER NUMBER
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2616

DATE MAILED: 05/19/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

<b>Office Action Summary</b>	<b>Application No.</b> 09/885,795	<b>Applicant(s)</b> MOREY, DALE D.	
	<b>Examiner</b> Michael Van Handel	<b>Art Unit</b> 2616	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

### Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

### Status

- 1) ☐ Responsive to communication(s) filed on \_\_\_\_.
- 2a) ☐ This action is **FINAL**.                      2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

### Disposition of Claims

- 4) ☒ Claim(s) 1-24 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-24 is/are rejected.
- 7) ☒ Claim(s) 6-24 is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_ are subject to restriction and/or election requirement.

### Application Papers

- 9) ☒ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 19 June 2001 is/are: a) ☐ accepted or b) ☒ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

### Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All    b) ☐ Some \*    c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
  2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_.
  3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- \* See the attached detailed Office action for a list of the certified copies not received.

### Attachment(s)

- |  |  |
|--|--|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)  | 4) <input type="checkbox"/> Interview Summary (PTO-413)<br>Paper No(s)/Mail Date. ____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)   | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152)            |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)<br>Paper No(s)/Mail Date ____ | 6) <input type="checkbox"/> Other: ____  |

## DETAILED ACTION

### *Drawings*

1. The drawings are objected to as failing to comply with 37 CFR 1.84(p)(5) because they include the following reference character(s) not mentioned in the description: 1010. Corrected drawing sheets in compliance with 37 CFR 1.121(d), or amendment to the specification to add the reference character(s) in the description in compliance with 37 CFR 1.121(b) are required in reply to the Office action to avoid abandonment of the application. Any amended replacement drawing sheet should include all of the figures appearing on the immediate prior version of the sheet, even if only one figure is being amended. Each drawing sheet submitted after the filing date of an application must be labeled in the top margin as either "Replacement Sheet" or "New Sheet" pursuant to 37 CFR 1.121(d). If the changes are not accepted by the examiner, the applicant will be notified and informed of any required corrective action in the next Office action. The objection to the drawings will not be held in abeyance.

2. The drawings are further objected to because of the issues stated below.

Reference numbers 18 and 19 are reversed in Fig. 1 and 2. In Fig. 1, the A/V module is listed as reference number 19, while in Fig. 2 the A/V connection module is listed as reference 18. In Fig. 1, the main module is listed as reference number 18, while in Fig. 2, the main module is listed as reference number 19.

In Fig. 1, A/V module 19 is illustrated as comprising main module 18, whereas in Fig. 2, the A/V connection module 18 and main module 19 are illustrated as being distinct components. Furthermore, paragraph 36 of the applicant's specification describes the modules as being "two separately identifiable modules." It is further implied in paragraph 37 of the applicant's

specification that the A/V module consists of the components corresponding to reference numbers 4, 5, and 6. The examiner recommends that Fig. 1 be revised with the modules drawn as being distinct from one another and with the A/V module consisting of the components corresponding to reference numbers 4, 5, and 6.

Reference number 21 is pointing to items in Fig. 1 and 2 that are not consistent with those described in the specification. In Fig. 1, reference number 21 indicates either the main module 18 or the A/V module 19 (illustrated as comprising the main module 18), while in paragraph 36 of the specification, reference number 21 refers to the A/V transceiver. Paragraph 36 of the applicant's specification states that "an A/V transceiver 21, ... comprises two separately identifiable modules, and (sic) A/V connection module 18 and a main module 19," suggesting that the A/V module and main module be distinct and that the receiver 21 comprises the combination of those modules. The examiner suggests that Fig. 1 be revised with reference number 21 indicating a grouping of the A/V module and the main module. In Fig. 2, reference number 21 indicates the connection between the A/V connection module and the television. The examiner suggests that Fig. 2 be revised with reference number 21 indicating a grouping of the A/V connection module and the main module.

In paragraph 43 of the applicant's specification, reference number 26 refers to a numeric keypad, whereas in Fig. 4, reference number 26 indicates the "7" key. The examiner recommends that Fig. 4 be revised with reference number 26 indicating the grouping of all of the keys in the numeric keypad.

In paragraph 45 of the applicant's specification, reference number 30 refers to a menu button, whereas in Fig. 4, reference number 30 indicates a mute button. The examiner recommends that Fig. 4 be revised with reference number 30 indicating the menu button.

In paragraph 42 of the applicant's specification, the numeric "2", "4", "6", and "8" buttons are referred to as reference numbers 24, 25, 29, and 28, respectively. The specification states that "When the Web button 22 is depressed these multi-buttons serve as arrow buttons, Up, Left, Right, Down respectively..." This suggests that the arrow buttons Up, Left, Right, and Down and numeric buttons "2", "4", "6", and "8" are the same physical buttons. The examiner recommends that the arrow buttons be removed from Fig. 4, with the numeric "2" button indicated by reference number 24, the numeric "4" button indicated by reference number 25, the numeric "6" button indicated by reference number 29, and the numeric "8" button indicated by the reference number 28.

In paragraph 50 of the applicant's specification, reference number 1008 refers to a numeric keypad, whereas in Fig. 10a, reference number 1008 indicates the "7" key. The examiner recommends that Fig. 10a be revised with reference number 1008 indicating the grouping of all of the keys in the numeric keypad.

The numeric "2", "4", "6", and "8" buttons are referred to as reference numbers 1006, 1007, 1011, and 1012, respectively. Paragraph 50 of the specification states that "The keypad 1008 buttons typically have multiple uses, for example buttons 1006, 1007, 1011 and 1012 may be used as curser directional controls when the Web button has been pressed selecting Internet access. This suggests similar numeric keypad functionality to that of the remote control in Fig. 4. The examiner recommends that the arrow buttons be removed from Fig. 10a, with the

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numeric “2” button indicated by reference number 1006, the numeric “4” button indicated by reference number 1007, the numeric “6” button indicated by reference number 1011, and the numeric “8” button indicated by the reference number 1012.

Corrected drawing sheets in compliance with 37 CFR 1.121(d) are required in reply to the Office action to avoid abandonment of the application. Any amended replacement drawing sheet should include all of the figures appearing on the immediate prior version of the sheet, even if only one figure is being amended. The figure or figure number of an amended drawing should not be labeled as “amended.” If a drawing figure is to be canceled, the appropriate figure must be removed from the replacement sheet, and where necessary, the remaining figures must be renumbered and appropriate changes made to the brief description of the several views of the drawings for consistency. Additional replacement sheets may be necessary to show the renumbering of the remaining figures. Each drawing sheet submitted after the filing date of an application must be labeled in the top margin as either “Replacement Sheet” or “New Sheet” pursuant to 37 CFR 1.121(d). If the changes are not accepted by the examiner, the applicant will be notified and informed of any required corrective action in the next Office action. The objection to the drawings will not be held in abeyance.

### ***Specification***

3. The title of the invention is not descriptive. A new title is required that is clearly indicative of the invention to which the claims are directed.
4. The disclosure is objected to because of the following informalities:

On line 12 of paragraph 36 of the applicant’s specification, “and A/V connection module

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18 and a main module 19” is stated. The examiner recommends that the first “and” of the statement be replaced with “an”.

On line 5 of paragraph 39 of the applicant’s specification, the numeric keypad of Fig. 4 is indicated by reference number 25. In paragraph 40, reference number 25 indicates a multi-button. In addition, the applicant uses reference number 26 throughout the specification to refer to the numeric keypad in Fig. 4. The examiner recommends that reference number 25 be changed to reference number 26 on line 5 of paragraph 39 of the specification.

On line 7 of paragraph 39 of the applicant’s specification, the Close button of Fig. 4 is indicated by reference number 29. Referring to Fig. 4, reference number 29 is used to indicate a multi-button. In Fig. 4, reference number 31 indicates the Close button. The examiner recommends that reference number 29 be changed to reference number 31 on line 7 of paragraph 39 of the specification.

On line 35 of paragraph 50 of the applicant’s specification, the IR Control is indicated by reference number 104. Referring to lines 20-21 of paragraph 39, the applicant refers to the IR Control with reference number 14. The examiner recommends that reference number 104 be changed to reference number 14 on line 35 of paragraph 50 of the specification.

Appropriate correction is required.

### ***Claim Objections***

5. Claims 6-24 are objected to because of the following informalities: see below.

Claim 6 is missing the “6”.

Subheading 3 of claim 12 is confusing. After reading the specification, the examiner

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Interprets the remote control interface as referring to the infrared (IR) control unit 14 of the transceiver and the remote controller as referring to the remote control device 15. With this interpretation, subheading 3 is confusing and the examiner recommends that it be reworded as “a remote control interface electrically connecting said central processor to a remote controller.”

Claim 13 has a subheading “11” which should be subtitle “1”.

Claims 6-24 have extra spaces in them and should be revised.

Appropriate correction is required.

***Claim Rejections - 35 USC § 102***

6. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in a patent granted on an application for patent by another filed in the United States before the invention thereof by the applicant for patent, or on an international application by another who has fulfilled the requirements of paragraphs (1), (2), and (4) of section 371(c) of this title before the invention thereof by the applicant for patent.

The changes made to 35 U.S.C. 102(e) by the American Inventors Protection Act of 1999 (AIPA) and the Intellectual Property and High Technology Technical Amendments Act of 2002 do not apply when the reference is a U.S. patent resulting directly or indirectly from an international application filed before November 29, 2000. Therefore, the prior art date of the reference is determined under 35 U.S.C. 102(e) prior to the amendment by the AIPA (pre-AIPA 35 U.S.C. 102(e)).

7. Claims 1-13, 17-23 are rejected under 35 U.S.C. 102(e) as being anticipated by Kikinis (US 5,929,849).

Referring to claim 1, Kikinis discloses a system integrating URLs with television



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presentations (information retrieval system)(col. 5, l. 17-26). The system comprises:

- a TV 51 (col. 6, l. 24-27) (audio-visual display)(see Fig. 1) displays signals received from a variety of sources, such as a satellite link 15, a cable TV line 17, and a VCR input 16 (col. 5, l. 34-36).
- a set-top box 11 (transceiver) is coupled by link 20 to a TV 51 (audio-visual display)(see Fig. 1) (col. 6, l. 24-25). The set-top box 11 has components (all of which comprise an interface generator). Operating code 48 is stored in DRAM and is executable by CPU 19. Code 48 includes a WEB browser, which is adapted to access servers on the WWW (col. 6, l. 1-12). VGA circuitry 33 has an output 20 for driving a TV 51. Refer to col. 9, l. 29-45 and Fig. 3A for a flow diagram description of how the URLs (internet links for access to the internet) are displayed on the TV 51 (audio-visual display). At step 107 a Network Interface Module (NIM) is initialized and dial-up (A/V connection) is accomplished, providing Internet access for the receiving system (col. 9, l. 54-56). At step 109 the dynamic URL associated with the enhanced entity is presented on the Internet, and the associated WEB page is downloaded (col. 9, l. 61-63).
- an infrared communicating remote 63 adapted for conventional remote functions and also for cursor control and selection by directional buttons 67 and selection buttons 69. Infrared communication from remote 63 is to receiver 65 in the set-top box (controller in communication with transceiver. Conventional remote functions allow a user to select and view selected audio-visual information from

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a signal source. Commands issued from the remote control 63 are coupled to the CPU 19 through the receiver 65)(col. 6, l. 26-31) (Fig. 1).

Referring to claim 2, Kikinis discloses receiver components (all of which comprise an interface generator) (Fig. 1), which provide a BMW emblem overlay 57 on audio-visual display 55 (col. 6, l. 50-63)(Fig. 2A).

Referring to claim 3, Kikinis discloses a remote control 63, with which a user can manipulate a cursor to touch a region of an emblem 57 (emblem is a link to a WWW URL (col. 7, l. 4-9, 65-67)(Fig. 2A)) and then actuate a selection signal, such as pressing one of the buttons 69 on the remote. On receipt of the selection signal with the cursor touching the BMW emblem, the system executes browser routines, accessing the WWW, and dials up the WEB server maintained by BMW on the WWW (col. 7, l. 58-64) (actuator for activating and interfacing with internet links displayed on said audio-visual display).

Referring to claim 4, Kikinis discloses receiver components (all of which comprise an interface generator) (Fig. 1). Fig. 2C illustrates a TV display (audio-visual display) with a scrollable webpage (col. 8, l. 1-22) (list of information), which is generated within the receiver components (list generator) as described in the flow diagram of Fig. 3A (col. 9, l. 24-65).

Referring to claim 5, Kikinis discloses that the receiver components (list generator) provide a WEB page that is downloaded and displayed in a window 71 (picture-in-picture window) over the TV display (col. 8, l. 5-8) (Fig. 2C).

Referring to claim 6, Kikinis discloses a window 71 (picture-in-picture window) that displays a WEB page at the same time as the TV display continues. In addition, the interactive areas in the window relating to additional information or related WEB pages can be activated

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with cursor 70 and selector buttons 69, just as though the WEB page in the superimposed window is a page displayed on a computer monitor via a conventional WEB browser (picture-in-picture window provides for continuous display of both Internet provided information and information received from a broadcast signal source) (col. 8, l. 5-15) (Fig. 2C).

Referring to claim 7, Kikinis discloses a set-top box 11 (transceiver) that has a WEB browser that is adapted to access servers on the WWW, such as server 54 shown connected to link 37 (transceiver receives information from Internet) (col. 6, l. 1-12) (Fig. 1).

Referring to claim 8, Kikinis discloses a set-top box 11 (transceiver) that receives signals from a satellite link 15 (standard RF television signal reception) (col. 5, l. 34-35) (Fig. 1).

Referring to claim 9, Kikinis discloses a set-top box 11 (transceiver) that receives signals from a cable TV line 17 (broadcast system) (col. 5, l. 34-37) (Fig. 1).

Referring to claim 10, Kikinis discloses a set-to box 11 (transceiver) that receives signals from a VCR input 16 (recorded media) (col. 5, l. 34-37) (Fig. 1).

Referring to claim 11, Kikinis discloses a window 71 (picture-in-picture window) that displays a WEB page (information) (col. 8, l. 5-8) (Fig. 2C). The WEB page provided is selected by the viewer (information based on the user's selection) by manipulating a cursor to touch the region of the emblem 57 and then actuating a selection signal, such as pressing one of the buttons 69 on the remote (controller)(col. 6, l. 50-63).

Referring to claim 12, Kikinis discloses a set-top box 11 comprising:

- a central processing unit 19 (CPU) (col. 5, l. 35).
- ROM 47 and dynamic random access memory (DRAM) 49 coupled to the CPU 19 (digital memory electrically connected to the CPU) (col. 6, l. 1-6) (Fig. 1).

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- With the examiner's interpretation, as mentioned in the claim objections as being "a remote control interface electrically connecting said central processor to a remote controller," Kikinis discloses that a set-top box 11 comprise a receiver 65 through which communication from a remote 63 is coupled to a CPU 19 (col. 8, l. 26-31) (Fig. 1).
- a decoder/tuner 13, a MPEG decoder 25, and a VGA chip set 33 (audio-visual module), each of which are connected to the CPU 19 (col. 5, l. 34-55)(Fig. 1). The decoder/tuner 13 receives signals from a variety of sources, such as a satellite link 15, a cable TV line 17, and a VCR input 16 (audio-visual signal source). The decoder/tuner is coupled to the MPEG decoder 25 by link 29 (col. 5, l. 49-50)(Fig. 1). The MPEG decoder 25 is coupled to the VGA chip set 33 by link 31 (col. 5, l. 50-52)(Fig. 1). The VGA chip set 33 drives a TV screen 51 or a computer display 53 (audio-visual display) (col. 5, l. 52-54) (Fig. 1).

Referring to claim 13, Kikinis discloses a remote control 63, with which a user can actuate a selection signal (col. 7, l. 44, 59), comprising:

- buttons 69 on the remote, which allow the user to actuate a selection signal (col. 7, l. 59-60)(Fig. 1)
- infrared communication means (col. 6, l. 27-28) from remote 63 to receiver 65 in the set-top box (col. 6, l. 30-32)(Fig. 1)

Referring to claim 17, Kikinis discloses a system by which individual images in TV presentations ... are linked with URLs in a manner that a viewer may select such images, and by so doing, invoke a linked URL, which leads to a WEB location providing information related to

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the image (method for generating and displaying audio-visual information received from the internet and at least one other audio-visual source)(col. 5, l. 19-23)(Fig. 1), comprising:

- receiving a data stream (audio-visual signal) bearing entity data and one or more dynamic URLs in a data region separate from image frame data in step 83(col. 9, l. 29-35)(Fig. 3A)
- presenting a normal TV picture (displaying audio-visual signal) in step 89 by the conventional TV elements of the receiving interactive system. Processing data from the inter-frame regions to enhance the identified entity in step 91, and accomplishing that enhancement in step 93 (audio-visual signal comprises selectable item)(col. 9, l. 40-46)(Fig. 3A).
- providing pointer input to activate and manipulate a cursor on the TV screen in step 95. Processing the input at step 97. Moving the cursor to the area of the enhanced entity image at step 99. Activating a selection input at step 101, processing the input at step 103, and selecting the enhanced entity at step 105 (col. 9, l. 46-52)(Fig. 3A).
- presenting on the Internet the dynamic URL associated with the enhanced entity in step 109 (generating an Internet address associated with selected item)(col. 9, l. 61-62)(Fig. 3A)
- downloading the WEB page associated with the enhanced entity related URL at step 109 (receiving information from the internet for internet address of displayed item from audio-visual signal)(col. 9, l. 61-62)(Fig. 3A)

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- displaying the WEB page at step 111 (displaying selected information on an audio-visual display) (col. 9, l. 63-65) (Fig. 3A)

Referring to claim 18, Kikinis discloses a method comprising:

- providing a list 71 (Fig. 2C), noting that the list on the BMW home page is related to the BMW advertisement
- activating list 71 upon user selection of icon 57 (col. 7, l. 57 and col. 8, l. 22) (Fig. 2C)
- identifying a link in list 71 for user selection (col. 7, l. 57 and col. 8, l. 22) (Fig. 2C)
- displaying identified item on audio-visual display (Fig. 2C). It is noted that the identified items are displayed.
- further action the view may take with the WEB page, selecting related information, jumping to related sites on the WWW, and interacting with the WEB page by selecting a link from list 71. Thus Kikinis discloses the claimed "communicating the selection of said item to a computer device for said generation of an associated internet address."

Referring to claim 19, Kikinis discloses a method comprising:

- a WEB page that is displayed in a window 71 over the TV display (opening a display window on the audio-visual display device) (col. 8, l. 6-7) (Fig. 2C)
- downloading and displaying a WEB page in a window 71 after viewer selection of a URL associated entity (inserting selected information in said opened display window) (col. 7, l. 56-67 and col. 8, l. 1-8) (Fig. 2C)

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- continuing TV display while a WEB page is downloaded and displayed in window 71 over the TV display (continuing display of audio-visual information from an audio-visual information source)(col. 8, l. 5-8)(Fig. 2C)

Referring to claim 20, Kikinis discloses a method for selecting links and displaying program demonstrative videos (col. 8, l. 23-37).

Referring to claim 21, Kikinis discloses the example of a BMW advertisement, wherein the viewer can select a car associated with a URL in order to receive information about the car (selecting information step comprises selecting product information)(col. 6, l. 64-67 and col. 7, l. 1-17)(Fig. 2A, 2C).

Referring to claim 22, Kikinis discloses that political information can be accessed from political spots having an active region (selecting information step comprises selecting service information)(col. 9, l. 14-17).

Referring to claim 23, Kikinis discloses that political information can be accessed from political spots having an active region (selecting information step comprises selecting public service information)(col. 9, l. 14-17).

### ***Claim Rejections - 35 USC § 103***

8. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

9. Claims 14-16 are rejected under 35 U.S.C. 103(a) as being unpatentable over Kikinis (US 5,929,849) in view of Kelly et al (US 5,907,322).

Referring to claim 14, Kikinis discloses a system integrating URLs with television presentations (information retrieval system)(col. 5, l. 17-26). Kikinis does not disclose an interface generator which provides listings of program and time information on an audio-visual display, upon command of a controller. Kelly et al. discloses a method whereby a user accesses a database 40 in step 302 to view scheduled broadcast events. In step 304, the viewer selects the set of broadcast events to be viewed. Then a custom schedule is generated identifying the date, time, and channel of all selected events in step 306 (interface generator provides listings of program and time information on audio-visual display, upon command of a controller)(col. 6, l. 10-15)(Fig. 4,6). It would have been obvious to modify Kikinis to include an interface generator providing listings of program and time information on an audio-visual display, upon command of a controller, such as that taught by Kelly et al. in order to provide a viewer with program information and schedules.

Referring to claim 15, Kikinis discloses a communicating remote 63. Kikinis does not disclose a controller comprising a recorder for storing user-selected information. Kelly et al. discloses a remote control 10 that stores an activity table (AT) 204 (controller comprising a recorder for storing user-selected information)(col. 4, l. 56-61 and col. 2, l. 55-65)(Fig. 5). It would have been obvious to modify Kikinis to include a controller comprising a recorder for storing user-selected information such as that taught by Kelly et al. in order to allow for different arrangements of accessing a network with stored user information and to enable the easy retrieval and display of information (col. 1, l. 45-50).

Referring to claim 16, Kikinis discloses a communicating remote 63. Kikinis does not disclose an actuator comprising a mark button for use by the user in commanding an interface



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generator to display a reminder mark corresponding to a selected audio-visual program. Kelly et al. discloses a Bookmark button 15. When pressed, the remote control 12 sends a wireless signal comprising a command to a CPU 216 to store an AR entry into AT 204 inside network access device 21, thereby “bookmarking” the broadcast event for later lookup (col. 3, l. 40-44)(Fig. 2).

It would have been obvious to modify Kikinis to include a mark button for use by the user in commanding an interface generator to display a reminder mark corresponding to a selected audio-visual program, such as that taught by Kelly et al. in order to allow a viewer to bookmark broadcast events for later lookup.

10. Claim 24 is rejected under 35 U.S.C. 103(a) as being unpatentable over Kikinis (US 5,929,849) in view of Yagawa et al (US 6,957,131). Kikinis discloses a system by which individual images in TV presentations ... are linked with URLs in a manner that a viewer may select such images, and by so doing, invoke a linked URL, which leads to a WEB location providing information related to the image (method for generating and displaying audio-visual information received from the internet and at least one other audio-visual source)(col. 5, l. 19-23)(Fig. 1). Kikinis does not disclose that the system comprise inquiring of a user for user information. Yagawa et al. discloses an individual information management program 411 that manages the user’s individual information 413 and sends the individual information to a WWW server 401 (comprising inquiring of a user for user information)(col. 17, l. 30-53)(Fig. 19). It would have been obvious to Kikinis to include a method for inquiring of a user for user information such as that taught by Yagawa et al. in order to provide customized or targeted information to a user.

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*Conclusion*

11. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure. Gerba et al (US 5,931,908). discloses a method for linking real-time data with audiovisual content to enable a user to make selections, manipulate data, and execute functions interactively through an audiovisual display.


Any inquiry concerning this communication or earlier communications from the examiner should be directed to Michael Van Handel whose telephone number is 571.272.5968. The examiner can normally be reached on Monday-Friday, 8:00am-5:30pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Jim Groody can be reached on 571.272.7950. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Michael Van Handel  
Examiner  
Art Unit 2616

MVH

  
VIVEK SRIVASTAVA  
PRIMARY EXAMINER